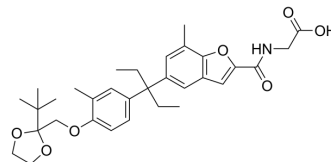


W000113414_I13

Cat. No.:	HY-163106
CAS No.:	853598-55-7
Molecular Formula:	C ₃₂ H ₄₁ NO ₇
Molecular Weight:	551.67
Target:	Ceramidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	W000113414_I13 is an acid ceramidase (AC) inhibitor. W000113414_I13 exhibits dose-dependent inhibition of AC with an IC ₅₀ value of 6.6?μM. W000113414_I13 can be used for the research of cancer ^[1] .
IC ₅₀ & Target	IC ₅₀ : 6.6?μM (AC) ^[1] .

REFERENCES

[1]. Aseeri M, et al. High-throughput discovery of novel small-molecule inhibitors of acid Ceramidase. J Enzyme Inhib Med Chem. 2023 Dec;38(1):343-348.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA